

Title (en)
IMAGE DECODING METHOD, IMAGE ENCODING METHOD, IMAGE DECODING DEVICE, IMAGE ENCODING DEVICE, AND IMAGE ENCODING/DECODING DEVICE

Title (de)
BILDDEKODIERUNGSVERFAHREN, BILDKODIERUNGSVERFAHREN, BILDDEKODIERUNGSVORRICHTUNG, BILDKODIERUNGSVORRICHTUNG UND BILDKODIERUNGS-/DEKODIERUNGSVORRICHTUNG

Title (fr)
PROCÉDÉ DE DÉCODAGE D'IMAGE, PROCÉDÉ DE CODAGE D'IMAGE DISPOSITIF DE DÉCODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DÉCODAGE D'IMAGE

Publication
EP 2728878 B1 20200219 (EN)

Application
EP 12804429 A 20120628

Priority
• US 201161503074 P 20110630
• JP 2012004189 W 20120628

Abstract (en)
[origin: US2013003850A1] An image decoding method for decoding, on a block-by-block basis, image data included in a coded bitstream includes: obtaining a fixed number of merging candidates each of which is a candidate set of a prediction direction, a motion vector, and a reference picture index which are to be referenced in decoding of a current block (S303); and obtaining, from the coded bitstream, an index for identifying a merging candidate for the current block (S304), wherein the fixed number of merging candidates include: one or more first candidates each derived based on a prediction direction, a motion vector, and a reference picture index which have been used for decoding a neighboring block spatially or temporally neighboring the current block; and one or more second candidates having a predetermined fixed. The fixed number is greater than or equal to two.

IPC 8 full level
H04N 19/52 (2014.01); **H04N 19/593** (2014.01)

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H04N 19/105 (2014.11 - BR CN EP KR US); **H04N 19/107** (2014.11 - KR); **H04N 19/147** (2014.11 - CN EP US); **H04N 19/176** (2014.11 - CN EP US); **H04N 19/50** (2014.11 - KR); **H04N 19/52** (2014.11 - US); **H04N 19/147** (2014.11 - BR); **H04N 19/176** (2014.11 - BR); **H04N 19/52** (2014.11 - BR); **H04N 19/573** (2014.11 - BR CN EP US); **H04N 19/70** (2014.11 - BR CN EP US); **H04N 19/96** (2014.11 - BR CN EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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US 2013003850 A1 20130103; BR 112013029425 A2 20170131; BR 112013029425 A8 20170711; BR 112013029425 B1 20220329; CA 2836063 A1 20130103; CA 2836063 C 20200616; CN 103535039 A 20140122; CN 103535039 B 20180828; CN 106851269 A 20170613; CN 106851269 B 20191115; EP 2728878 A1 20140507; EP 2728878 A4 20160323; EP 2728878 B1 20200219; ES 2781868 T3 20200908; JP 2015173498 A 20151001; JP 2016174392 A 20160929; JP 2017127033 A 20170720; JP 5937594 B2 20160622; JP 6145735 B2 20170614; JP 6145832 B2 20170614; JP 6340707 B2 20180613; JP WO2013001818 A1 20150223; KR 101900986 B1 20180920; KR 20140043730 A 20140410; MX 2013013029 A 20131202; MY 181718 A 20210105; PL 2728878 T3 20200615; TW 201311006 A 20130301; TW I562594 B 20161211; US 10887585 B2 20210105; US 2015271489 A1 20150924; WO 2013001818 A1 20130103

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US 201213536309 A 20120628; BR 112013029425 A 20120628; CA 2836063 A 20120628; CN 201280023179 A 20120628; CN 201611113107 A 20120628; EP 12804429 A 20120628; ES 12804429 T 20120628; JP 2012004189 W 20120628; JP 2013522447 A 20120628; JP 2015107910 A 20150527; JP 2016096563 A 20160512; JP 2017082045 A 20170418; KR 20137030093 A 20120628; MX 2013013029 A 20120628; MY PI2013702134 A 20120628; PL 12804429 T 20120628; TW 101123524 A 20120629; US 201514725180 A 20150529